PATENT COOPERATION TREATY

VIPO 23 AUG 7006 CT INTERNATIONAL PRELIMINARY REPORT ON PATENT

(Chapter II of the Patent Cooperation Treaty)

(PCT Article 36 and Rule 70)

International application No. PCTGB2005001286 01.04.2005 01.04.2005 International Patent Classification (IPC) or national classification and IPC INV. G06F9/46 Applicant SYMBIAN SOFTWARE LIMITED 1. This report is the International preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of 5 sheets, including this cover sheet. 3. This report is also accompanied by ANNEXES, comprising: a. sant to the applicant and to the International Bureau) a total of sheets, as follows: sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions). sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filed, as indicated in item 4 of Box No. I and the Supplemental Box. b. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)) , containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions). 4. This report contains indications relating to the following items: Box No. II Priority	Applicant's or agent's file reference									
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International Patent Classification (iPC) or national classification and IPC INV. G06F9/46 Applicant SYMBIAN SOFTWARE LIMITED 1. This report is the international preliminary examination report, established by this international Preliminary Examining Authority under Article 35 and transmitted to the applicant according to Article 36. 2. This REPORT consists of a total of 5 sheets, including this cover sheet. 3. This report is also accompanied by ANNEXES, comprising: a. sent to the applicant and to the International Bureau) a total of sheets, as follows: sheets of the description, claims and/or drawings which have been amended and are the basis of this report and/or sheets containing rectifications authorized by this Authority (see Tule 70.16 and Section 607 of the Administrative Instructions). sheets which supersede earlier sheets, but which this Authority considers contain an amendment that goes beyond the disclosure in the international application as filled, as inclicated in item 4 of Box No. I and the Supplemental Box. (sent to the International Bureau only) a total of (indicate type and number of electronic carrier(s)), containing a sequence listing and/or tables related thereto, in electronic form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions). 4. This report contains indications relating to the following items: Box No. II Box No. II Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Box No. VI Certain defects in the international application Box No. VII Certain defects in the international application Box No. VII Certain defects in the international application Box No. VII Certain defects in the international application Box No. VII Certain defects in the international application Date of submission of the demand Date of completion of this report 15.03.2006 Name and mailing address of t	11		day/month/year)							
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	NL-2280 HV Rijswijk - Pays I	Bas	Archontopoulos, E	. District .						
Fax: +31 70 340 - 3016 Telephone No. +31 70 340-2673		1 00 1 epo III	Telephone No. +31 70) 340-2673						

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/GB2005/001286

	Box	No. I	Basis of the report				
1.	With	n regard	to the language , this	report is based on			
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2.	hav	e been	d to the elements* of t furnished to the receiv originally filed" and are	ving Office in respons	e to an invitation und	oased on <i>(replace)</i> ler Article 14 are r	ment sheets which eferred to in this
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3.			mendments have resu	lted in the cancellation	n of:		
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INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

International application No. PCT/GB2005/001286

Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

1-41

No: Claims

Inventive step (IS)

Yes: Claims

No: Claims

1-41

Industrial applicability (IA)

Yes: Claims

1-41

No: Claims

2. Citations and explanations (Rule 70.7):

see separate sheet

Re Item V.

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- 1 Reference is made to the following documents:
 - D1: US 6 405 266 B1, 11 June 2002
 - D2: WO 99/09490 A, 25 February 1999
 - D3: GB 2 354 848 A, 4 April 2001
 - D4: WO 02/088949 A, 7 November 2002
- The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of claim 1 is not inventive in the sense of Article 33(3) PCT.
- 2.1 D1 discloses (abstract) the following features defined in claim 1:
 - (i) property published within a first process: event;
 - (ii) notify the retrieved property: event is published via a message broker;
 - (iii) one or more further processes: subscribing processes;
 - (iv) requesting to subscribe: object can subscribe to an event.
- 2.2 The provision of a portion of the kernel retrieving a property and accordingly notifying it to the appropriate subscribers (differing feature) is considered to be well within the reach of the possibilities obviously available to the skilled person in the field of inter-/intra-process communication in order to allow a more streamlined and secure routing of the relevant retrieval and notification messages. Moreover, as the claim does not indicate which further extraordinary effect (if any) is linked to the choice of the kernel portion, and not e.g. to a user-side server, it can not be seen how the differing feature can contribute to an inventive step.
- 2.3 Claims 2-39 merely define straightforward features which the skilled person in the field of interprocess communication by means of the subscription/notification model would effortlessly consider and apply to the system disclosed in D1.

 The subject-matter of claims 2-39 is therefore not inventive (Article 33(3) PCT).
- 2.4 Given the ample similarity between the subject-matter of claims 40 and 41 and that of claim 1, the same reasoning set forth in point 2.1 above applies to claims 40 and 41, the subject-matter of which is not new.

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (SEPARATE SHEET)

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Attention is drawn on the fact that decoupling the production and consumption of information in software systems to facilitate extensibility by removing explicit dependencies between components is a well-known and widely used concept in the so called "publish/subscribe" architecture (see e.g. D2-D4), characterised by undirected production, and subscription to events by their properties rather than their source.